

Headquarters U. S. Air Force

Integrity - Service - Excellence

Air Force Command and Control & Intelligence, Surveillance, and Reconnaissance Center



Maj Gen Tommy Crawford
Air Force C2 & ISR Center

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AFC2ISRC Mission

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Modernize, Improve, and Seamlessly Integrate C2ISR Capabilities to Deliver Combat Capability Across Joint Forces

**AFC2ISRC
14 Locations
600 Personnel**



Langley AFB (Hampton), Virginia

Commander's Intent - Supporting the Warfighter:

- **Develop Command and Control (C2) Constellation**
- **Modernize and integrate Air Operations Center (AOC) and Distributed Common Ground Station (DCGS)**
- **Engage the Joint Warfighter**

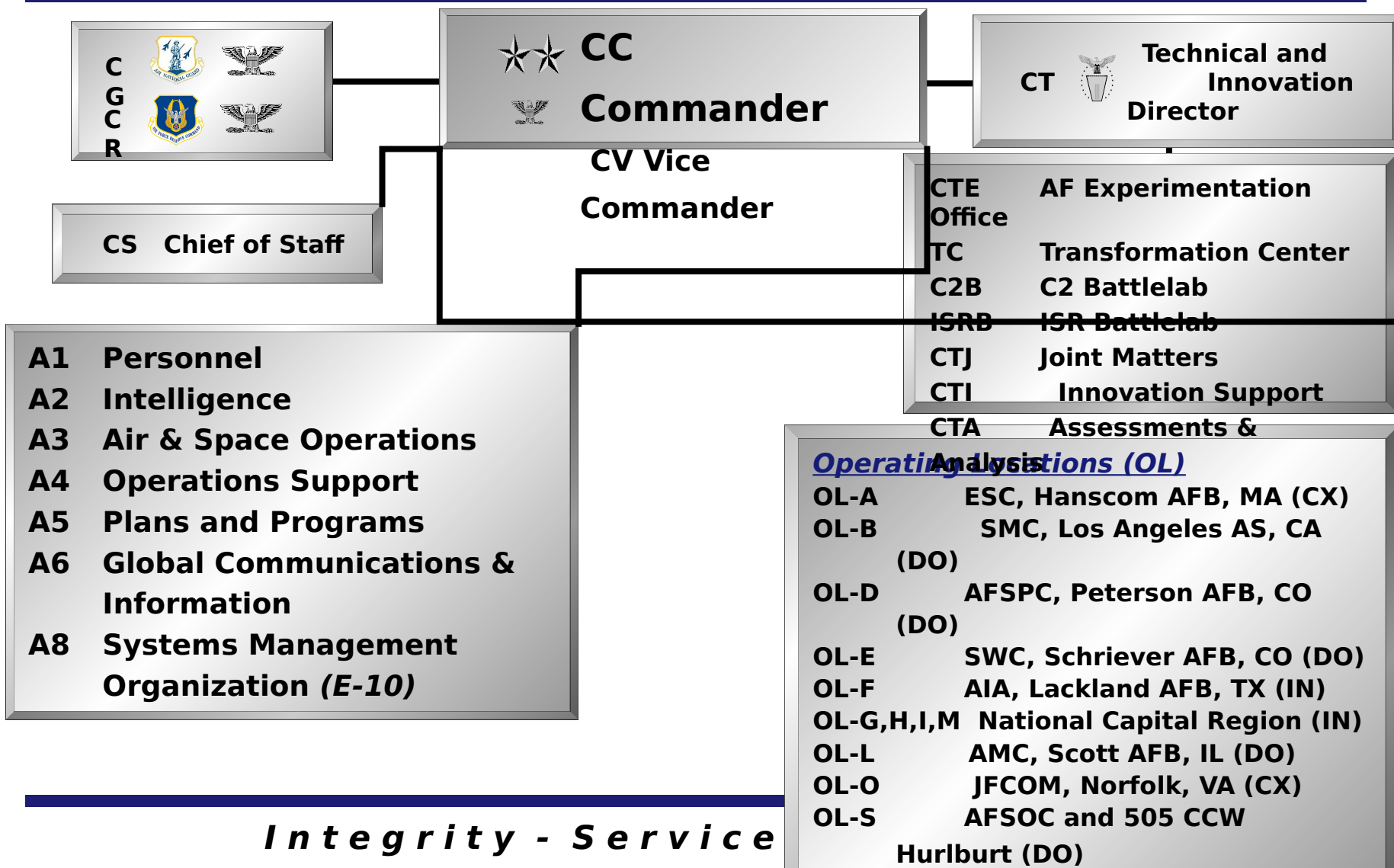
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AFC2ISRC Organization

Field Operating Agency of SAF/XC





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Commander's Intent

Develop C2 Constellation

- A Network-Centric Family of Systems
- Seamless Information to Command and Control Forces
- Air / Space / Surface and Manned / Unmanned Vehicle Integration



"The development and deployment of a truly modern and effective command, control, communication, and intelligence system is fundamental to the transformation of the US military forces "

— Secretary of Defense Donald Rumsfeld

... and winning wars



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Commander's Intent

Modernize and integrate AOC and DCGS



- ***Functional Flexibility***
- ***Net-Centric Globally Connected***
- ***Effects Based Strategy Development and Assessment***
- ***Dynamic Tasking / Execution***
- ***Dynamic Airspace Management***

- ***Predictive Battlespace Awareness***
- ***Advanced Info Management***
- ***Reduce Forward Manpower by 2/3***
- ***Flexible Coalition Interoperability***
- ***Train as we Fight***

Leading the Way to Joint Command and Control (JC2)



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Commander's Intent

Engage the Joint Warfighter

Joint C2 Requirements Stakeholders

Joint - JFCOM

US Air Force - AFC2ISRC & ACC

US Army - TRADOC

US Navy - NETWARCOM

Concept

Joint Battle Management C2 (BMC2)

C2 Constellation / ConstellationNet

LandWarNet / Objective Force
Future Combat System

FORCEnet

- Army, Navy and Marine Corps strategic partnerships
 - Multi-Service C4ISR Integration Steering Group
- Airman's voice to JFCOM Board of Directors
 - Ensure airpower C4ISR fully integrated with JBMC2 joint solution set



Tidewater C2
Community is
Unique

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DCAPES

- **AF's Single System to present, plan, source, mobilize, deploy, account for, sustain, redeploy, and reconstitute Combatant Commanders' Requirements—down to the toolbox level**
- **Real-time Collaborative Tool/Environment providing accurate deliberate and crisis action planning**
 - **Synchronizes AF's manpower, personnel, readiness, operations and logistics systems for force presentation/movement/sustainment**
 - **Consistent with AF C2 future capabilities: Satisfies the warfighter's needs, interoperable, affordable, and sustainable**
 - **Cuts AF deployment planning cycle times in half**
- **War Proven: Used Warfighter immediately upon fielding**
 - **Sourced, nominated, & deployed over \$355,000 AF personnel since March 2002**

DCAPES gets AF forces to the fight and brings them



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Deployment Readiness System (DRS)

- **Provide Commanders and Airmen with an end-to-end deployment preparation and readiness tool**
 - **Eliminate home grown, manual processes at each Wing**
 - **Provide net-centric, standardize processes to AF deployment and readiness communities**
 - **Deployed on GCSS-AF May 2005**
 - **Support AEFC's mission to manage the AEF operational tempo**
 - **Field Commander's Dashboard capability that displays unit readiness**
 - **User Community: Commanders, Installation Deployment Officers, Unit Training/Deployment Mgrs, Functional Area Mgrs, AEFOR/WFHQ, C2 Nodes**
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Summary

- **AFC2ISRC the “heavy lifter” for C2 and ISR modernization**
- **Current priorities often transparent to users:**
 - **C2 Constellation goal for net-centricity**
 - **AOC / DCGS tools DoD-wide**
 - **Joint warfighting capabilities via Joint BMC2, forums**
 - **JEFX experimentation opportunities**
- **Center’s focus is on developing capabilities**

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